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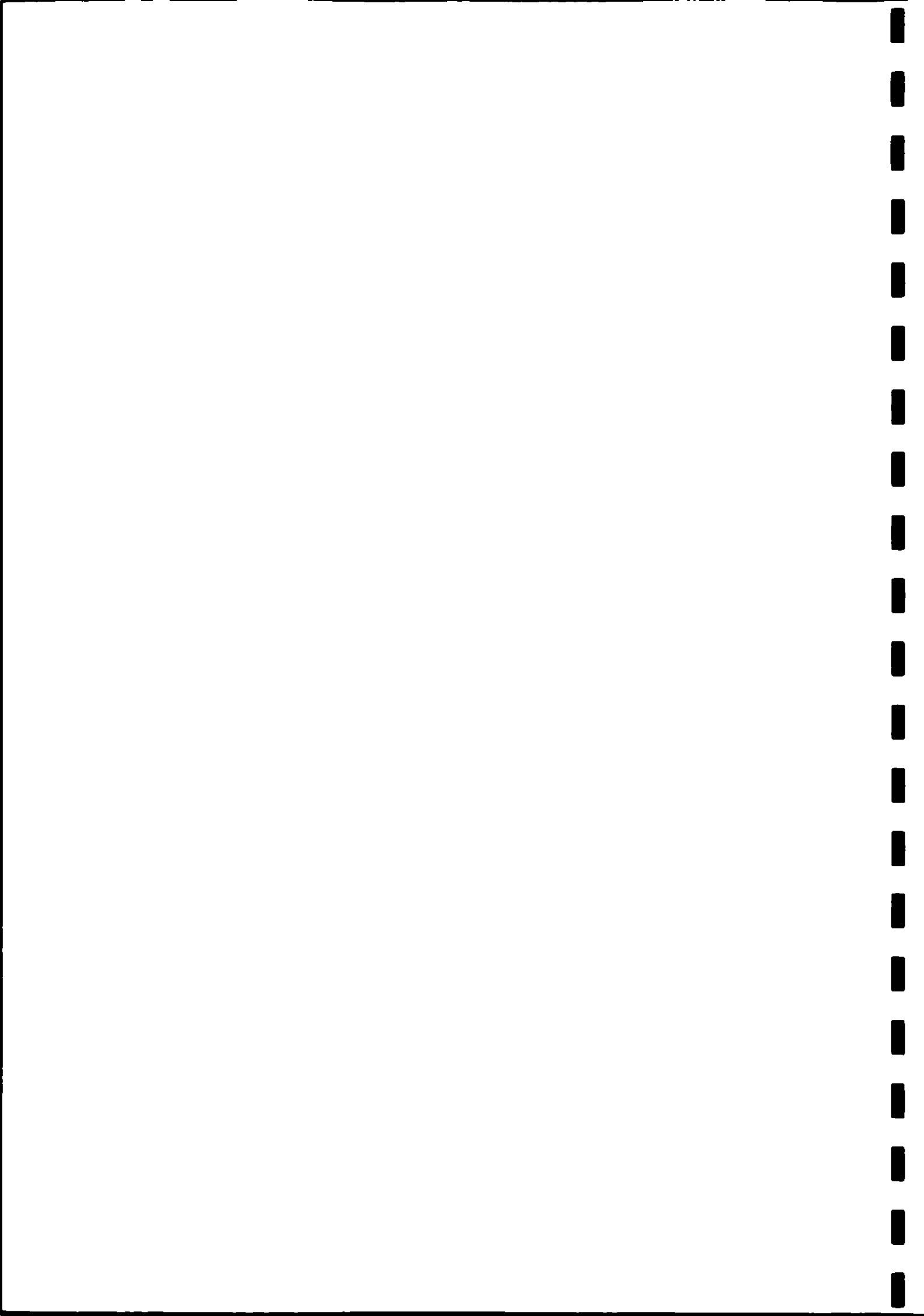
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**ITE Land Classification for the
county of Cleveland**

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**Merlewood Research Station
Grange-over-Sands
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August 1993



Land Use Research Group

ITE Land Classification for Cleveland

The following table holds the land class of each square in Cleveland. The format of the table is easting (a three digit number), northing (a three digit number) and land class (one or two digits). The data is ordered by easting as primary key and northing as secondary.

The grid reference follows the Ordnance Survey National Grid, using the numeric convention (Harley 1975). Should a grid reference be held in the alpha-numeric format it can be converted into numeric by removing the two letters and modifying the digits. Cleveland occupies part of one 100 kilometre (km) square, NZ. In terms of a 1 km grid, square NZ starts with easting 400 and northing 500 respectively. Having removed the letters, the remaining digits can be split equally into two parts; the first part is the easting the second northing. The easting and northing equivalents are added to the digits to produce the final grid reference, eg NZ1234 becomes 412 534 (NZ is 400, 500 so 400+12 and 500+34). The six figure grid reference describes a complete 1 km square and on a large scale map (eg 1:50 000) it can be identified by reading the easting value off the horizontal axis and the northing off the vertical. The intersection of lines defines the south west (bottom left) corner of the square.

The ITE land Classification was produced in the late 1970's by multivariate analysis of a number of environmental factors (Bunce *et al.* 1981). It stratifies Great Britain into 32 different groups called land classes; every 1 km square in Great Britain has been allocated to it's land class. Three national surveys (the Countryside Surveys) have been performed to characterise the different land classes (Barr 1990), and the classification is being used to model the consequences of a variety of different changes (eg Bunce *et al.* 1992).

References

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Bunce, R.G.H., Howard, D.C., Hallam, C.J., Barr, C.J. and Benefield, C.B. (1992). The ecological consequences of land use change.
Report to the Department of the Environment.

Harley, J.B. (1975) Ordnance Survey Maps: a descriptive manual.
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East	North	LC	East	North	LC	East	North	LC
436	515	9	440	526	9	443	524	13
436	516	10	440	527	13	443	525	13
436	517	9	441	508	9	443	526	14
437	509	9	441	509	10	443	527	13
437	510	9	441	510	10	443	528	13
437	511	10	441	511	10	443	529	13
437	512	9	441	512	13	443	530	9
437	513	10	441	513	13	443	531	9
437	514	10	441	514	10	443	532	9
437	515	10	441	515	10	444	509	10
437	516	10	441	516	10	444	510	10
437	517	10	441	517	10	444	511	9
437	518	9	441	518	10	444	512	13
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438	518	9	441	527	13	444	521	26
438	519	9	442	509	10	444	522	26
438	520	9	442	510	10	444	523	26
438	521	10	442	511	10	444	524	26
438	522	10	442	512	13	444	525	14
438	523	9	442	513	13	444	526	14
438	524	9	442	514	13	444	527	13
438	525	9	442	515	13	444	528	13
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439	512	10	442	518	26	444	531	9
439	513	9	442	519	25	444	532	9
439	514	10	442	520	26	444	533	9
439	515	10	442	521	26	445	509	10
439	516	9	442	522	10	445	510	10
439	517	10	442	523	9	445	511	10
439	518	9	442	524	9	445	512	10
439	519	9	442	525	15	445	513	10
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439	524	9	442	530	9	445	518	13
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440	523	10	443	521	26	445	532	10
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East	North	LC	East	North	LC	East	North	LC
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446	511	10	448	520	13	450	531	26
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446	529	13	449	513	10	451	526	13
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East	North	LC	East	North	LC	East	North	LC
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East	North	LC	East	North	LC
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466	515	28	471	520	14
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